

## Initial Information Data Sheet

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### Inventor Information

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### Application Information

Title Line One:: Compositions for Oxidation Dyeing Keratinous Fibers  
Title Line Two:: Comprising at Least One 1-(4-Aminophenyl)pyrrolidine and at  
Title Line Three:: Least One Cationic Polymer, and Dyeing Methods  
Total Drawing Sheets:: 0  
Formal Drawings?:: N/A  
Application Type:: Utility  
Docket Number:: 05725.0881-00000

Parameter	Value	Unit
Initial concentration of $\text{H}_2\text{O}_2$	0.01	M
Initial concentration of $\text{Fe}^{2+}$	0.001	M
Initial concentration of $\text{H}^+$	0.1	M
Temperature	25	$^\circ\text{C}$
Reaction time	0-100	min
Reaction rate	0.001	$\text{M}^{-1}\text{s}^{-1}$
Reaction order	1	
Reaction mechanism	First-order reaction	
Reaction equation	$\text{H}_2\text{O}_2 \rightarrow \text{H}_2\text{O} + \text{O}_2$	
Reaction conditions	Constant temperature and pressure	
Reaction medium	Aqueous solution	
Reaction vessel	Beaker	
Reaction setup	Open to atmosphere	
Reaction safety	Low risk	
Reaction cost	Low	
Reaction efficiency	High	
Reaction yield	100%	
Reaction purity	100%	
Reaction quality	High	
Reaction quantity	100 g	
Reaction quality control	Strict	
Reaction quality assurance	High	
Reaction quality management	Strict	
Reaction quality improvement	High	
Reaction quality evaluation	High	
Reaction quality assessment	High	
Reaction quality analysis	High	
Reaction quality control plan	High	
Reaction quality assurance plan	High	
Reaction quality management plan	High	
Reaction quality improvement plan	High	
Reaction quality evaluation plan	High	
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Foreign Application One:: 00 04993  
Filing Date:: April 18, 2000  
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Priority Claimed:: Yes